

CLAIM AMENDMENTS

Claims 1 through 90 (canceled)

1           91. (New) An isolated polynucleotide coding for a  
2 polypeptide comprising the amino acid sequence of SEQ ID NO:2.

1           92. (New) A vector comprising the isolated polynucleotide  
2 of claim 91.

1           93. (New) A bacterium of the genus *Corynebacterium*  
2 comprising the isolated polynucleotide of claim 91.

1           94. (New) The bacterium of claim 93, wherein said  
2 bacterium is one of the species *Corynebacterium glutamicum*.

1           95. (New) A bacterium of the species *Escherichia coli* or  
2 *Corynebacterium glutamicum* comprising the vector of claim 92.

1           96. (New) An isolated polynucleotide comprising the  
2 nucleotide sequence of nucleotides 165 to 3587 of SEQ ID NO: 1.

1           97. (New) A vector comprising the isolated polynucleotide  
2 of claim 96.

1            98. (New) A bacterium of the genus *Corynebacterium*  
2            comprising the isolated polynucleotide of claim 96.

1            99. (New) The bacterium of claim 98, wherein said  
2            bacterium is one of the species *Corynebacterium glutamicum*.

1            100. (New) A bacterium of the species *Escherichia coli* or  
2            *Corynebacterium glutamicum* comprising the vector of claim 97.

1            101. (New) An isolated polynucleotide comprising the  
2            nucleotide sequence of SEQ ID NO:1.

1            102. (New) A vector comprising the isolated  
2            polynucleotide of claim 101.

1            103. (New) A bacterium of the genus *Corynebacterium*  
2            comprising the isolated polynucleotide of claim 101.

1            104. (New) The bacterium of claim 103, wherein said  
2            bacterium is one of the species *Corynebacterium glutamicum*.

1            105. (New) A bacterium of the species *Escherichia coli* or  
2            *Corynebacterium glutamicum* comprising the vector of claim 102.

1           106. (New) An isolated polypeptide having pyruvate  
2   carboxylase enzymatic activity comprising the amino acid sequence  
3   of SEQ ID NO: 2.

1           107. (New) A pVWEX1pyc vector deposited under DSM 12893.

1           108. (New) A bacterium comprising the vector of claim  
2   107.

1           109. (New) An isolated pyruvate carboxylase polypeptide  
2   having an amino acid sequence at least 95% identical to the amino  
3   acid sequence of the pyruvate carboxylase polypeptide having the  
4   complete amino acid sequence in SEQ ID NO:2.